


## **Useful Department of Environmental Quality (DEQ) Web Sites:**

Attached is a copy of the front page of Web sites which may be useful to you for the following DEQ documents:

1. DEQ Environmental Calendar (published bi-monthly)
2. DEQ Environmental Science and Services Division (ESSD) Bulletin (published monthly)
3. DEQ publication "About the Air" (monthly)



# Department of Environmental Quality



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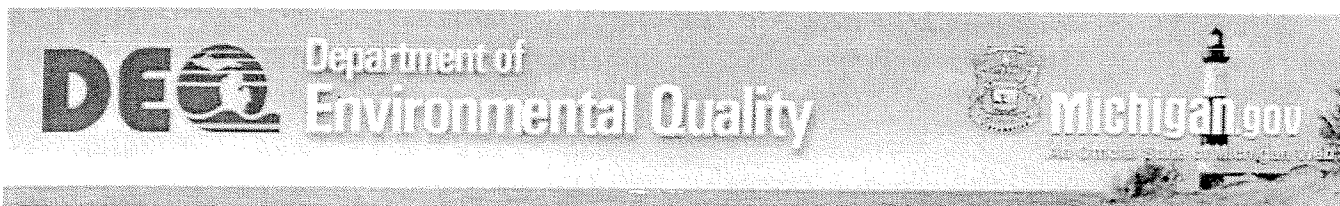
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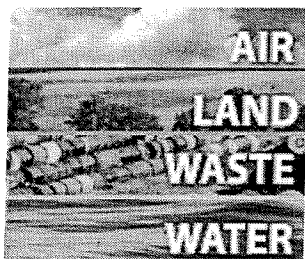
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## ESSD Bulletin February 2005

**Contact:** Darlene Harris (517) 373-0318

**Agency:** Environmental Quality

[February 2005 \(pdf\)](#)

### Highlights for the February ESSD Bulletin include:

- CLEAN CORPORATE CITIZEN ACTIVITY ALL ACROSS THE STATE
- HEALTHY WATERSHEDS - OUR RESPONSIBILITY, OUR LEGACY
- HAZARDOUS WASTE RULES REVISED
- UPCOMING HAZARDOUS WASTE USER FEES MAILING
- DEQ ANNOUNCES REVOLVING FUND LOAN COMMITMENTS
- COMPLIANCE ASSISTANCE CORNER
- DEQ WORKSHOPS TO HELP FACILITIES WITH MAERS
- WORKSHOPS TO HELP CAFOS COMPLY
- EVENTS

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#### Related Co

- AQD's Abol Newsletter - 2005
- Office of the Lakes Janu Activity Rep
- Office of the Lakes Dece Activity Rep
- Office of the Lakes Nove Activity Rep
- AQD's Abol Newsletter - 2004
- ESSD Bulle November 2
- Office of the Lakes Octol Activity Rep
- Office of the Lakes Sept 2004 Activit
- AQD's Abol Newsletter - September
- ESSD Bulle September
- Office of the Lakes Augu Activity Rep
- Office of the Lakes July 2 Activity Rep
- WD Bulletin 2004
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- Office of the Lakes June Activity Rep
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- WD Bulletin 2004

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JENNIFER M. GRANHOLM  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING

Protecting Michigan's Environment, Ensuring Michigan's Future  
Environmental Assistance Center 800-662-9278



STEVEN CHESTER

AIR QUALITY DIVISION

Constitution Hall • 3<sup>rd</sup> Floor North • 525 W. Allegan St. • PO Box 30260 • Lansing, MI 48909

Phone: 517-373-7023 • Fax: 517-241-7499

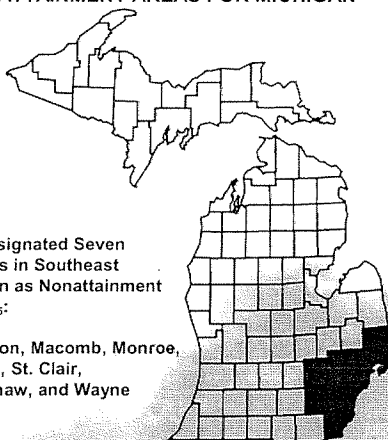
Internet address: <http://www.michigan.gov/deqair>

# ABOUT THE AIR

VOLUME 13, ISSUE 1

JANUARY 2005

Figure 1: EPA DESIGNATED PM<sub>2.5</sub>  
NONATTAINMENT AREAS FOR MICHIGAN



EPA Designated Seven  
Counties in Southeast  
Michigan as Nonattainment  
for PM<sub>2.5</sub>:

Livingston, Macomb, Monroe,  
Oakland, St. Clair,  
Washtenaw, and Wayne

## EPA DESIGNATES SEVEN MICHIGAN COUNTIES AS PM<sub>2.5</sub> NONATTAINMENT AREAS

On December 17, 2004, the U.S. Environmental Protection Agency (EPA) designated seven Southeast Michigan counties as nonattainment for the criteria pollutant PM<sub>2.5</sub> (particulate matter less than 2.5 micrometers [µm] in diameter). The counties are: Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne (See Figure 1). A nonattainment designation means either that the area does not meet the National Ambient Air Quality Standard (NAAQS) for that pollutant, or the area contributes to another area's nonattainment. The annual PM<sub>2.5</sub> NAAQS is met at a monitoring site if data averaged over a three-year period has an annual mean of 15.0 micrograms per cubic meter (µg/m<sup>3</sup>) or below.

PM is one of the six criteria pollutants monitored by the Department of Environmental Quality's (DEQ's) Air Quality Division (AQD) and is the term used for a mixture of solid particles and liquid droplets found in the air. PM is categorized according to the size and health impact of the particles, e.g., PM<sub>10</sub> are coarse particles less than 10 µm in diameter (about one-seventh the diameter of a human hair) and PM<sub>2.5</sub> are much smaller fine particles equal to or less than 2.5 µm in diameter. Exposure to PM affects breathing, the defenses of the lungs, and aggravates existing respiratory and cardiovascular disease. PM<sub>2.5</sub> is closely associated with such health effects as increased hospital admissions and emergency room visits for heart and lung disease; increased respiratory disease and symptoms such as asthma; decreased lung function; and even premature death. Sensitive groups that appear to be at greatest risk to such effects include the elderly, individuals with cardiopulmonary disease such as asthma, and children.

DEQ Director Steven E. Chester expressed disappointment at the recent EPA notification of PM<sub>2.5</sub> nonattainment designations for Michigan. The EPA designated counties constitute a larger area than the two counties (Wayne and Monroe) originally recommended by Michigan. The DEQ also continues to believe that Wayne and Monroe counties should be separate nonattainment areas due to different emission source influences in the two violating areas.

(PM<sub>2.5</sub> Nonattainment Designations are continued on Page 2)

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**WORKING TOGETHER FOR CLEANER AIR**



## CLEAN CORPORATE CITIZEN PROGRAM

Michigan Department of Environmental Quality

### Introduction

The voluntary Clean Corporate Citizen (C3) Program offers public recognition and enhanced regulatory flexibility for regulated establishments that demonstrate strong environmental performance and a commitment to continual improvement. It is established through administrative rules and requires achievement in three areas: environmental management system, pollution prevention, and consistent compliance with all applicable environmental laws and regulations.

Michigan's C3 program is recognized as being the most effective and longest standing environmental effort of its kind in the country. Many states have sought advice from Michigan to establish similar voluntary incentive programs. In addition, the Environmental Protection Agency (EPA) has a national program called "Performance Track" which mirrors Michigan's C3 program. None of the other programs, however, are as comprehensive or successful as our C3 program. Participation is voluntary and diverse with a wide variety of establishments designated including: manufacturing; auto assembly; power generation; furniture making; natural gas transmission; paper production; office management; Tier I, II, and III auto suppliers; printing; research and development; and more.

Clean Corporate Citizens show other industrial, commercial, and governmental establishments that a voluntary State partnership program can drive compliance leading to continual improvement and lasting value to the state's overall environmental picture. In addition, the C3 program staff uses outreach, training, and technical assistance to foster the development of environmental management systems (EMS) and formal pollution prevention programs at interested establishments throughout the state.

### Overview

The C3 program is administered by the Michigan Department of Environmental Quality (DEQ), Environmental Science and Services Division and has been in existence since May of 1997. The criteria and process for obtaining C3 designation is spelled out in Administrative Rules 324.1501 to 324.1511. An establishment applying for C3 status is required to provide its application and supporting materials for public review for a minimum of 30 days. The applicant must submit all public comments and related responses to the DEQ as part of the formal C3 application.

The application must contain a detailed summary of their environmental management system, documentation of their pollution prevention policy and program, and a certification by a responsible official that the establishment is in compliance with all applicable environmental requirements and has no outstanding past or current violations that have not been corrected. The C3 staff in concert with staff from the

regulatory program divisions review the application to make certain that all three criteria are met.

The DEQ director makes the final decision for C3 designation based on staff recommendation. There is no formal appeal process for a denied application, although an applicant can choose to re-submit their application at any time. The C3 designation must be renewed annually, and may be terminated by the director for failure to adhere to the criteria as prescribed in the C3 administrative rules.

Those facilities receiving C3 designation are eligible for regulatory flexibility, including streamlined permit processing in the air, surface water, groundwater, and underground storage tank programs. Criteria necessary to obtain these benefits are prescribed by administrative rule in the respective programs.

### **Major Achievements of the Program**

The C3 program began accepting applications in mid 1997. To date, fifty six (56) facilities both large and small across Michigan have received C3 designation. These establishments are Michigan's leaders in environmental performance. Their pride in achieving C3 status has encouraged other environmentally responsible establishments to join the program. Their accomplishments are highlighted in the attached 2000 and 2001 "Meet Michigan's Clean Corporate Citizens" annual reports.

Interest in pursuing C3 designation has also led companies to join one of Michigan's four voluntary Pollution Prevention Partnerships. Members annually identify, implement, and report on the successes of facility-specific multi-media pollution prevention efforts. Helping potential C3s join the partnership most appropriate to their operations has increased value and participation in both programs, and encouraged business to voluntarily apply innovative and cost-effective techniques to reduce wastes and prevent releases of hazardous substances.

Outreach is a key component of the C3 program success. The C3 staff have initiated or participated in a great many program presentations, speaking engagements and training sessions, to dozens of small to large-sized businesses, manufacturers, educational institutions, and local units of government to emphasize the value and importance of these voluntary efforts. These efforts have led to the implementation of formal environmental management systems at facilities across Michigan. Some of these facilities have gone on to pursue C3 designation; others have not. However, all have benefited internally from a more comprehensive and systematized approach to managing all aspects of operations with an eye toward environmental protection.

### **A Different Approach That Works**

The ultimate goal of the C3 program is to provide long-term benefits to Michigan's environment. An increase in responsible environmental management and active pollution prevention results in reduced pollution of air, water, and soils. Getting companies to commit to voluntary waste reduction at the source and other P2 efforts is also a challenge that the C3 program was designed to meet.

Even with environmental improvement as the driving force behind the C3 program, the majority of facilities in the program have made the effort to join for the

public recognition benefits. The C3 establishments take great pride in their achievements, both internally with the cost-saving benefits of an EMS and a P2 program, and as a visible environmental champion brought to the public's attention through C3 designation and resulting publicity. The C3s recognized by state government for environmental performance share their sense of pride with their communities, employees, municipalities, elected officials, and trade organizations. The C3 press releases and designation events foster the general public's understanding of environmental stewardship and the resulting benefits to our shared environment.

The C3 program also addresses the issue of achieving increased voluntary environmental compliance at regulated establishments. To apply for and achieve C3 designation, establishments are implementing EMS, pollution prevention programs, and fixing current and historical compliance problems. Some of these activities may not have taken place - or may have taken longer - if the C3 program was not an available incentive.

Trying to achieve environmental improvements solely through traditional regulatory measures is a challenge, considering the limited nature of state government staffing and budget resources. The C3 program is based on the premise that Michigan facilities that consistently demonstrate a strong environmental stewardship can be relied upon to carry out their environmental protection responsibilities without rigorous oversight. As more companies attain C3 designation, Michigan will be able to better allocate available resources and efforts on those facilities needing the most attention.

The C3 program has proven that a voluntary incentive program will foster increased compliance and a higher level of environmental performance. The achievements of each Clean Corporate Citizen individually and collectively will result in long-lasting benefits to our shared environment. Staff are rightfully proud of Michigan's Clean Corporate Citizen Program and are available to answer questions on any aspect of the program at your convenience.





## Air Quality Division

Jennifer M. Granholm, Governor • Steven E. Chester, Director

Michigan Department of Environmental Quality

### AIR QUALITY DIVISION

CONSTITUTION HALL, 3 NORTH  
525 WEST ALLEGAN  
LANSING MI 48913  
517-373-7023

### MAILING ADDRESS:

PO BOX 30260  
LANSING MI 48909-7760

### DISTRICT OFFICES

Cadillac District Office  
120 W. Chapin Street  
Cadillac, MI 49601-2158  
231-775-3960

Gaylord Office  
2100 West M-32  
Gaylord, MI 49735-9282  
989-731-4920

Grand Rapids District Office  
State Office Building, 6th Floor  
350 Ottawa Avenue NW, Unit 10  
Grand Rapids, MI 49503-2341  
616-356-0500

Jackson District Office  
State Office Building, 4th Floor  
301 E. Louis Glick Highway  
Jackson, MI 49201-1556  
517-780-7690

Kalamazoo District Office  
7953 Adobe Road  
Kalamazoo, MI 49009-5026  
616-567-3500

Lansing District Office  
Constitution Hall, 4 North  
525 West Allegan Street  
Lansing, MI 48913  
517-335-6010

Saginaw Bay District Office  
503 N. Euclid Avenue  
Bay City, MI 48706-2965  
989-686-8025

Southeast Michigan District Office  
38980 Seven Mile Road  
Livonia, MI 48152-1006  
734-953-8905

Detroit Office  
Cadillac Place, Suite 2-300  
3058 West Grand Boulevard  
Detroit, MI 48202-6058  
313-456-4700

Upper Peninsula District Office  
420 Fifth Street  
Gwinn, MI 49841-3004  
906-346-8300

DEQ Internet Home Page:  
[www.michigan.gov/deqair](http://www.michigan.gov/deqair)

Environmental Assistance  
Center:

800-662-9278

Pollution Emergencies:

800-292-4706

OCTOBER 2004

*Business and community activities as well as daily activities of individuals impact Michigan's air resource. Staff in the Air Quality Division work to ensure Michigan's air remains clean.*

### The Air Quality Program

The Air Quality Division (AQD) regulates sources of air pollutants to minimize adverse impact on human health, the environment, and society. The AQD's goals are to:

- meet and maintain federal and state air quality standards using the best available technology and cost-effective controls;
- limit emissions of hazardous and toxic pollutants; and
- keep the public informed about air quality conditions.

AQD staff work to identify and reduce existing outdoor air pollution problems and to prevent significant deterioration of the air resource. This includes air emission control programs; air monitoring; control strategy planning; partnerships to promote voluntary reductions; issuance of permits; and inspection of air emission sources. Services offered by the AQD include emission credit trading opportunities, partnership programs, active participation in special air monitoring studies, dissemination of current air quality information, facility inspection, and air pollution complaint response.

### Overview of Air Rules

Over 30 years of air pollution control have significantly improved air quality in Michigan. Working with industry, efforts to control air pollution have made our state a leader in the struggle for cleaner air. The federal Clean Air Act (as amended in 1990) directs the focus of air pollution control in the United States. The state of Michigan incorporated those requirements into Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

### District Offices

Staff in the AQD field offices perform the essential field work and investigations within each district. In addition to source investigation duties, district staff are often the first line contact for both the industrial public and the general public with questions, concerns, and complaints. Many air quality functions have been delegated to the district office to enable field staff to provide faster and more efficient service. Your local district office, listed to the left on this fact sheet, will help determine answers to air quality questions.

### Air Use Permits

Air use permits are required for air pollutant emission sources such as coal-fired power plants, solid waste incinerators, chemical plants, and automobile painting facilities. AQD staff evaluate nearly 500 permit applications per year. The two primary objectives of the permit review are to ensure that state-of-the-art pollution control equipment is utilized to minimize the emission of air contaminants and to ensure that the resultant emissions meet applicable health and welfare standards and do not cause harm to human health or the environment. The process has been improved to make it more "user friendly" for applicants. Tools to assist customers in completing air use permit applications have been and continue to be developed. Information about the renewable operating permit software package (PASS-ROP) is available via the AQD internet homepage or from district offices. The AQD places a strong emphasis in processing complete applications in a timely manner.

### Compliance and Enforcement

Air pollution sources are evaluated and investigated for compliance with air standards and permit requirements. Those responsible for emissions at levels above what is allowed by law are accountable for their actions. Although resolution of air pollution problems and violations is normally accomplished through voluntary compliance by the companies involved, enforcement actions against violating sources are initiated for significant violations.

## Air Quality Evaluation

AQD staff are responsible for: ambient air monitoring and air trends assessment, air toxics risk assessment, quantifying air contaminant emissions from stationary sources, conducting modeling to determine air emission impacts, identifying areas not in compliance with federal standards, and developing Michigan's State Implementation Plans for attainment and maintenance of federal air quality standards in partnership with local planning agencies. With the adoption of two new and more stringent air standards, some areas in Michigan must further reduce ozone and fine particle pollution.

## Outreach

AQD has developed many avenues to provide expanded services and information to the citizens of Michigan. In addition to general brochures and fact sheets, partnerships have been formed in areas such as voluntary ozone reduction, emission trading, and pollution prevention. Various training seminars have been and will continue to be offered to help clients interpret current air regulations and permit applications. Computer software to assist companies in completing air use permit applications is available via DEQ's Internet homepage. Seminars are periodically offered to assist customers who want to participate in air quality programs such as emission trading. Check out the homepage at [www.michigan.gov/deqair](http://www.michigan.gov/deqair). The web page provides air program information, federally mandated air monitoring data via the Michigan Air Quality Index (updated hourly), "Ozone Action!" notification, air use permit information, toxic chemical listings, clean air laws, and more!

### *What pollutants are in the air?*

<b>CARBON MONOXIDE:</b> -----	A colorless, odorless, poisonous gas produced by incomplete combustion of substances containing carbon. The leading source is automobile exhaust.
<b>LEAD:</b> -----	Metal element, which may be released in the form of tiny particles from smelters and from car exhaust.
<b>NITROGEN DIOXIDE:</b> -----	Yellow-brown gas emitted during combustion of all types of fuels. Sources include cars, power plants, and certain chemical manufacturing facilities.
<b>OZONE:</b> -----	A colorless, pungent gas formed by a reaction of sunlight and certain volatile organic compounds (VOCs). The VOCs are emitted from car exhausts, painting operations, solvent usage, gasoline, and power plants.
<b>PARTICULATE:</b> -----	Particles may be smoke, dust, spray, or fumes. Sources include manufacturing operations, power plants, diesel emissions, woodstoves, and leaf burning. Industrial source emissions have declined by 85 percent since 1974. Fine, respirable particulates have become a major health concern.
<b>SULFUR DIOXIDE:</b> -----	A heavy, pungent, colorless gas formed when coal, fuel oil, or any fuel containing sulfur is burned. Industrial sources have reduced emissions by over 60 percent since 1974.
<b>TOXICS:</b> -----	Other compounds found in the air such as metals from plating facilities and chemicals from chemical processes, painting operations, and even woodstoves.

## Air Quality Printed Publications – 517-373-7023

- Clean Air for Michigan
- Controlling Toxic Air Pollution in Michigan
- Burning Household Waste
- Dirty Air is Hard to Bear
- Michigan Air Quality Permit Regulations
- Open Burning Regulations
- Annual Air Quality Report

### *You Can Make Clean Air Choices . . .*

Conserve energy ★ Use public transportation, form a car pool, bike, or walk ★ Consider alternative fuels  
 Reduce, reuse, and recycle whatever you can ★ Support environmentally responsible products and businesses  
 Compost leaves instead of burning them ★ Report air pollution problems.

The Michigan Department of Environmental Quality (MDEQ) will not discriminate against any individual or group on the basis of race, sex, religion, age, national origin, color, marital status, disability, or political beliefs. Questions or concerns should be directed to the MDEQ Office of Personnel Services, PO Box 30473, Lansing, MI 48909.



# Environmental Science and Services Division

Jennifer M. Granholm, Governor • Steven E. Chester, Director

Michigan Department of Environmental Quality

## ENVIRONMENTAL SCIENCE AND SERVICES DIVISION

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PO BOX 30457

LANSING MI 48909-7957

## EDUCATION, TRAINING, AND OUTREACH

517-335-3153

### FINANCIAL ASSISTANCE

Clean Michigan Initiative (CMI) Clean Water  
Fund Grants

517-373-2037

Clean Water Act, Section 319 Grants

517-373-2037

Clean Water State Revolving Fund

Drinking Water Revolving Fund

Strategic Water Quality Initiatives Fund

517-373-2161

Coastal Management Program Grants

517-335-3168

Regional and Community P2 Grants

231-775-3960 ext. 6322

Site Reclamation Program Grants

517-373-9540

Small Business P2 Loan Program

517-241-8280

### INCENTIVE PROGRAMS

Clean Corporate Citizen (C3) Program

517-241-0231

Environmental Audit Privilege & Immunity

517-373-1323

### LABORATORY SERVICES

517-335-9800

### POLLUTION PREVENTION (P2)

Annual Wastewater Reporting (AWR)

517-373-8481

Environmentally Preferred Purchasing

517-373-0604

Field Operations

231-775-3960 ext. 6322

Marina Pollution Prevention

517-241-5719

Recycling and Household Hazardous Waste

517-373-1322

SARA Title III

517-373-8481

Turfgrass Pollution Prevention

517-241-5719

Pollution Prevention Partnerships:

- Agriculture—517-930-3170
- Automotive—517-241-5719
- Department of Defense—517-373-3109
- Mercury P2—517-373-0939
- Metal Finishing—517-335-0383
- Michigan Business P2 Partnership (MBP3)—517-241-5719
- Michigan Great Printers Project (MIGPP)—517-373-0604
- Michigan Pulp & Paper P2 Project (P5)—517-373-0604

### TECHNICAL ASSISTANCE

Clean Air Assistance

800-662-9278

Regulatory Compliance Assistance

800-662-9278

Retired Engineer Technical Assistance Program

517-373-2731

Water & Wastewater Operator Training &  
Certification

517-373-4755 (wastewater)

517-241-7199 (water)

*The Environmental Science and Services Division (ESSD) oversees a number of outreach and assistance services leading to the improvement in environmental quality, with an emphasis on pollution prevention. The ESSD provides non-regulatory services related to all environmental programs administered by the Michigan Department of Environmental Quality (DEQ).*

## Education, Training, and Outreach

Educational opportunities on regulatory topics and voluntary environmental performance programs are provided through division workshops, seminars, and conferences in partnership with businesses, trade associations, and other groups. These events offer information on current regulatory requirements, pollution prevention, compliance assistance, new technologies, and other areas of interest. The division participates in various trade shows and events by sponsoring an ESSD display booth staffed with professionals and furnished with relevant publications.

## Environmental Information

The ESSD publishes the *ESSD Bulletin*, which provides brief updates on topics of environmental interest, and the *DEQ Calendar*, which lists upcoming permit and other environmental decisions; administrative rules promulgation; public meetings and hearings; permitting contacts; and conferences, workshops, and training programs.

**Environmental Assistance Center (EAC).** The EAC offers a toll-free telephone number that provides access to fast, direct referral assistance on all DEQ programs. For answers to environmental questions, to request a list of publications, or to be placed on the *ESSD Bulletin* or the *DEQ Calendar* mailing list, call the EAC at **800-662-9278**.

## Financial Assistance

**Clean Michigan Initiative (CMI) Clean Water Fund (CWF) Grants.** These grants provide financing to local units of government or nonprofit organizations to implement activities identified in approved watershed management plans to protect high quality waters or manage storm water runoff (in permitted watersheds). Grants are also available to implement the water quality recommendations in Remedial Action Plans and Lakewide Management Plans developed under the Great Lakes Water Quality Agreement, to identify and correct failing on-site septic systems, and to implement local programs to identify and eliminate illicit connections to municipal storm sewer systems.

**Clean Water Act, Section 319 Grants.** Section 319 grants provide financing for the development of watershed management plans by local units of government or nonprofit organizations. Section 319 grants also provide funding for watershed-based educational and outreach activities and implementation of nonpoint source pollution control projects identified in approved watershed management plans.

**Clean Water State Revolving Fund (SRF).** Low-interest loans are available to qualified municipalities for financing wastewater treatment plant, collection systems, correction of combined sewer overflow, and nonpoint source pollution control projects. Staff provide guidance through the planning, design, finance, and construction of these projects.

**Coastal Management Program Grants.** The Coastal Management Program offers funding opportunities for a variety of projects that enhance public access, protect sensitive resources and habitat, redevelop urban waterfronts and preserve historic coastal features. Funding is also available for coastal research and inventories and projects that improve the capacity of state and local governments to manage and protect coastal resources.

**Community Pollution Prevention Grants.** Grant funds are available to local government and health departments to support community-based pollution prevention.

**Drinking Water Revolving Fund (DWRF).** The DWRF is similar to the SRF. Low-interest loans are available to qualified water suppliers for financing water supply systems such as wells, treatment plants, storage facilities, transmission lines, and pumping facilities.

**Site Reclamation Program Grants.** These grants include CMI brownfield redevelopment; site reclamation; site assessment; brownfield cleanup revolving loan; and revitalization revolving loan funds which provide financial assistance to local units of government; Brownfield Redevelopment Authorities; and other eligible entities to promote the redevelopment of old, abandoned, or underutilized brownfield properties that are or may be contaminated. The funds are used to conduct due care site assessment, demolition, and remediation activities, and to prepare BEAs and due care plans in preparation for the redevelopment.

**Small Business Pollution Prevention Loan Program.** This loan program provides low-interest loans of up to \$300,000 at interest rates of 5 percent or less to small businesses of 500 employees or less. Projects that eliminate or minimize the generation of waste through source reduction, recycling, or energy or water conservation are considered for loan funding under this program.

DEQ Internet Home Page:  
[www.michigan.gov/deqessd](http://www.michigan.gov/deqessd)

Environmental Assistance Center:  
800-662-9278

Pollution Emergencies:  
800-292-4706

**Strategic Water Quality Initiatives Fund (SWQIF).** This fund is modeled after the SRF and provides low-interest loan financing for communities seeking assistance for the on-site upgrade/replacement of failing septic systems, or for projects to remove groundwater or storm water from sewer lines.

## Incentive Programs

**Clean Corporate Citizen (C3) Program.** The C3 Program provides the opportunity for regulated establishments that have demonstrated a commitment to environmental stewardship and a strong environmental ethic to be recognized as clean corporate citizens. Facilities that voluntarily participate in this program and meet the criteria to become C3s receive public recognition and are entitled to certain regulatory benefits.

**Environmental Audit Privilege and Immunity.** The Environmental Audit Privilege and Immunity Law provides incentives for businesses and other regulated entities to perform environmental self-audits and promptly report and correct violations. Regulated parties that make voluntary disclosures as specified in the law may be entitled to receive limited immunity from administrative penalties and have the self-audit reports generated during the audit classified as confidential documents.

## Laboratory Services

A variety of laboratory services are provided within this section to support compliance and regulatory programs, local county health departments, the public, and other state and federal agencies. These services assist various programs for the investigation of public health issues, identification and clean-up of environmentally contaminated sites, and ensuring data quality for scientific based decisions.

**Analytical Program.** Analytical laboratory testing is provided to a variety of environmental programs throughout the state including drinking water, bathing beaches, public swimming pools, air quality, state cleanup activities, hazardous waste management, land and water management, geological survey, law, and many others. These services include physical, chemical, and microbiological testing. The laboratory is a critical element for emergency response to catastrophic and terrorist events.

**Certification and Recognition Program.** Two programs are in operation to ensure data quality from laboratories. Using EPA and state standards, the Drinking Water Laboratory Certification Program certifies all laboratories performing tests on drinking water samples within the state. The voluntary Laboratory Data Recognition Program identifies private environmental laboratories that are considered qualified to generate analytical data for submission to the department.

## Pollution Prevention (P2)

Pollution prevention in Michigan is a voluntary, multi-media program directed at businesses, institutions, and communities. Its focus is to provide information and technical assistance on practical approaches that eliminate or reduce the generation of waste at its source or recycle waste that cannot be eliminated. This is accomplished through partnerships and initiatives with specific industry sectors.

**Annual Wastewater Reporting (AWR).** Annual Wastewater Reporting applies to every person doing business within the state who either discharges wastewater to the waters of the state or who discharges wastewater other than sanitary sewage to a sewer system. Impacted persons are required to file wastewater reports annually to the DEQ.

**P2 Field Operations.** The field staff are located in the Cadillac, Grand Rapids, Jackson, Kalamazoo, Lansing, Saginaw Bay, and Southeast Michigan district offices to offer environmental assistance at the local level. Staff meet with local governments, businesses, environmental organizations, and other DEQ staff to promote pollution prevention and the programs offered by ESSD.

**Retired Engineer Technical Assistance Program (RETAP).** Retired engineers and other retired professionals are available through the RETAP Program to provide on-site assessments to identify opportunities for pollution prevention and energy efficiency improvements. Assessments are confidential, free of charge, and non-regulatory. RETAP is available to Michigan businesses with less than 500 employees, including agribusinesses, and to institutions.

**RETAP Internship Program.** The RETAP Internship Program is a partnership between industry, Michigan universities, and the state to provide technical assistance to P2 partnership facilities by placing engineering interns to help implement P2 and energy efficiency improvements identified by assessments conducted under the RETAP program.

**SARA Title III.** SARA Title III, the Emergency Planning and Community Right-to-Know Act of 1986, provides emergency responders and the public with information on hazardous and toxic substances stored, used, and released in their community. Program staff assist facilities with reporting requirements under this federal act that include the Toxic Chemical Release Inventory (TRI), Emergency and Hazardous Chemical Inventory (Tier Two), Emergency Planning Notification for facilities that have extremely hazardous substances on site, and emergency release notification.

## Technical Assistance

**Clean Air Assistance Program.** The Clean Air Assistance Program helps small- and medium-sized businesses in Michigan understand their obligations and identify methods of compliance under state and federal air quality laws. Technical assistance is available by telephone; Email; on-line; and through workshops, seminars, and publications.

**Regulatory Compliance Assistance.** Staff from the major environmental protection programs are available to help customers with direct, one-on-one assistance to facilitate the understanding and timely compliance with environmental regulations. Expertise is offered in programs including water quality, storage tank removal, drinking water and environmental health, land and water resources, site clean-ups, and waste management issues.

**Water and Wastewater Operator Training and Certification.** Staff provide wastewater and drinking water system operators with critical formal training in treatment process control and laboratory analyses. On-site technical assistance is provided on request to wastewater treatment personnel on operation, maintenance, and laboratory analyses. Examination and certification of treatment and distribution personnel are also conducted.



# Land and Water Management Division

Jennifer M. Granholm, Governor • Steven E. Chester, Director

Michigan Department of Environmental Quality

**LAND AND WATER  
MANAGEMENT DIVISION**  
CONSTITUTION HALL  
1 SOUTH  
525 WEST ALLEGAN  
LANSING MI 48913

**MAILING ADDRESS:**  
PO BOX 30458  
LANSING MI 48909-7958

**INFORMATION**  
517-373-1170  
Fax: 517-241-1595

Dam Safety Program  
517-335-3195

Flood Hazard Management  
Program  
517-335-3183

Hydrologic Data Collection &  
Analysis Program  
517-335-3195

Land/Water Interface Permits  
517-373-9244

National Flood Insurance  
Program  
517-335-3195

Shorelands Protection and  
Management Program  
517-373-1746

Transportation Review  
517-335-3183

Wetlands and Submerged  
Lands Program  
517-373-1746

*The Land and Water Management Division (LWMD) administers or plays an important role in approximately 23 planning and environmental protection programs. The goal of many of the programs is promoting appropriate use and protection of land and water resources in conjunction with the increasing social and economic needs of the state. The LWMD programs range from financial and technical assistance to preservation and regulatory environmental protection programs and consist of the following:*

## **Dam Safety Program**

Staff engineers conduct technical reviews and regulate the construction or dismantling of dams through a permit system. Emergency action plans and dam safety inspection reports submitted by dam owners are reviewed. A statewide inventory of dams is maintained, and the staff engineers inspect and prepare dam safety inspection reports for the Michigan Department of Natural Resources and municipally owned dams to evaluate the integrity and safety of the structures.

## **Flood Hazard Management Program**

Program staff review proposals to occupy, fill, or grade lands within the state's floodplains. These activities are regulated by a permit system with the purpose of ensuring that the channels and floodways are kept clear and uninhabited and that structures placed outside the floodway are properly protected from flood damage.

## **Great Lakes Submerged Lands Program**

The Great Lakes Submerged Lands Program regulates certain activities on the Great Lakes bottomlands such as marina construction, dredging, filling, and placement of shoreline protection structures. The program provides for the sale, lease, or exchange of state-owned bottomlands and the designation of underwater preserves to protect cultural resources such as shipwrecks. Staff review proposals for underwater salvage operations in coordination with the Michigan Department of History, Arts, and Libraries.

## **Hydrologic Data Collection and Analysis Program**

The Hydrologic Studies Unit collects, evaluates, and analyzes hydrologic data to provide technical support to DEQ programs. This technical assistance includes flood discharge estimates, groundwater hydrologic modeling, drought flow estimates, stream gauging, storm water management, and evaluation of drain projects.

## **Inland Lakes and Streams Protection Program**

The Inland Lakes and Streams Protection Program protects the natural resources at the land/water interface, riparian rights, and the public trust in the inland waters of the state. Staff provide for the protection of the above interest areas through a permit application review process. If an application can be approved, then a permit is issued containing conditions that regulate the construction activities to minimize the adverse impacts. Regulated activities include structure placement or removal, dredging, filling below the ordinary high water mark, and operating or constructing a marina.

## **National Flood Insurance Program**

The National Flood Insurance Program (NFIP) Coordinator works with local units of government to assist them in meeting the NFIP requirements. This is carried out through a program of education, technical assistance, and oversight. In addition, assistance is provided to lenders, realtors, and insurance agents, as well as private citizens, who have questions about flood insurance or floodplain management.

**DEQ Internet Home Page:**  
[www.michigan.gov/deqlwmd](http://www.michigan.gov/deqlwmd)  
**Environmental Assistance  
Center:**  
800-662-9278  
**Pollution Emergencies:**  
800-292-4706

SEPTEMBER 2004



### Shorelands Protection and Management Program

This program provides for designation and proper management of environmental areas (such as coastal wetlands and adjacent uplands that provide habitat for fish and wildlife), high risk erosion areas, and flood risk areas along the Great Lakes shoreline. Permits are required for construction activities within these designated areas.

### Transportation Review

Permit applications are reviewed for new or replacement bridge projects being proposed by public transportation agencies which include the Michigan Department of Transportation, county road commissions, and municipalities. The objective of this review is to provide safe and convenient highways while avoiding or minimizing the potential impacts to our natural resources.

### Wetlands Protection Program

The Wetland Protection Program staff develop educational and training materials and work on program aspects with statewide significance, such as the statewide wetlands inventory. Wetland protection regulations are administered through a permit system.

### Where To Go For Assistance

The LWMD staff located in field offices administer the regulatory aspects of several of the programs described above; respond to complaints; conduct compliance activities; issue many of the LWMD permits; and provide local contact points with regulated industries, local government, and citizens. Field staff are located throughout the state:

Cadillac District Office .....	231-775-3960	Lansing District Office .....	517-335-6010
Gaylord Field Office .....	989-731-4920	Saginaw Bay District Office .....	989-686-8025
Grand Rapids District Office .....	616-356-0500	Southeast Michigan District Office .....	734-953-8905
Jackson District Office .....	517-780-7690	Upper Peninsula District Office .....	906-346-8300
Kalamazoo District Office .....	269-567-3500	Crystal Falls Field Office .....	906-875-2071

Various publications and copies of the laws and rules for the programs identified above are available by contacting the division at 517-373-1170 or can be downloaded from our website at [www.michigan.gov/deq](http://www.michigan.gov/deq).



# Office of Geological Survey

Jennifer M. Granholm, Governor • Steven E. Chester, Director

Michigan Department of Environmental Quality

OFFICE OF GEOLOGICAL  
SURVEY  
CONSTITUTION HALL  
1 SOUTH  
525 WEST ALLEGAN  
LANSING MI 48913

MAILING ADDRESS:  
PO BOX 30256  
LANSING MI 48909-7756

INFORMATION  
517-241-1515  
Fax: 517-241-1595

State Geologist  
517-241-1548

Compliance  
517-241-1562

Hearings  
517-241-1554

Maps and Publications  
517-241-1520

Mineral Wells, Mining  
517-241-1554

Oil & Gas or Mineral Well  
Permits  
517-241-1528

Orphan Wells  
517-241-1544

Petroleum Geology and  
Production  
517-241-1509

*In 1837, the Legislature established a geological survey "to investigate and report on Michigan's geological resources." The Office of Geological Survey (OGS) continues to develop and disseminate maps, publications, and data on oil, gas, mineral, and groundwater resources for industry and public use. The responsibilities of today's OGS have expanded to include the conservation and orderly development of Michigan's geological resources, while protecting other natural resources, the environment, and public health and safety.*

## Geologic Mapping and Information

The OGS develops and disseminates information on oil and gas, minerals, groundwater, and other earth resources for use in resource development, environmental protection, and public information. This information includes: topographical maps; geologic maps; publications on Michigan geology; oil and gas well records; mine records; and an electronic database of oil and gas locations, and details of well construction, status, and geologic data.

## Mineral Wells Program

The OGS regulates the location, drilling, operation, and closure of mineral wells, which include wells for waste disposal, brine production, solution mining, storage, and mineral exploration. Staff evaluate applications, issue permits, carry out inspections, and enforce requirements for construction and operation of mineral wells and associated facilities. There are approximately 150 active mineral wells in Michigan, with an average of 15 to 20 new wells drilled per year.

## Mining and Minerals Program

The OGS regulates mining in designated coastal sand dune areas. Staff review sand dune mining applications and issue permits, evaluate mining and regulation plans, determine financial responsibility requirements, conduct inspections, and enforce regulatory requirements. Approximately two million tons of dune sand are mined in Michigan each year, providing 30 percent of the nation's foundry sand. The OGS also regulates mining and reclamation at metallic mineral mines. Of the hundreds of metallic mines that once operated in Michigan, only two iron mines located in the Upper Peninsula remain in production. Staff conduct permitting, inspection, and enforcement of reclamation requirements at these operations. Operators of nonmetallic open pit mines are required to submit annual mining and reclamation plans. These plans are used to evaluate the reclamation and final closure of mining sites. The OGS also cooperates with the U.S. Department of the Interior, Office of Surface Mining Reclamation and Enforcement, to mitigate or correct abandoned coal mine problems including filling or closing mine shafts.

## Oil and Gas Program

The OGS regulates locating, spacing, drilling, operating, plugging, and restoring oil and gas wells and the operation of associated storage and disposal facilities. Staff review applications and issue permits to drill and operate; conduct inspections; and enforce well construction, spill prevention, and cleanup requirements. The division also regulates production rates for wells to prevent the waste of oil and gas. There are over 14,500 active oil and gas wells and over 3,100 gas storage wells in Michigan and another 34,000 wells that have been plugged as nonproductive. Complete records are maintained for all wells in the OGS Office in Lansing.

DEQ Internet Home Page:  
[www.michigan.gov/deqogs](http://www.michigan.gov/deqogs)  
Environmental Assistance  
Center:  
800-662-9278  
Pollution Emergencies:  
800-292-4706

SEPTEMBER 2004



### Orphan Wells Program

Utilizing funds from a tax on the oil and gas industry, the OGS plugs oil and gas wells and restores sites where there is no viable owner or an environmental emergency is declared. The OGS prioritizes orphan wells for plugging according to severity of threat to the environment or public health and safety.

### Where To Go For Assistance

OGS staff located in field offices administer the regulatory aspects of several of the programs described above; respond to complaints; conduct compliance activities; issue many of the OGS permits; and provide local contact points with regulated industries, local government, and citizens. Field staff are located throughout the state:

Cadillac District Office .....	231-775-3960	Saginaw Bay District Office .....	989-686-8025
Gaylord Field Office .....	989-731-4920	Southeast Michigan District Office .....	734-953-8905
Kalamazoo District Office .....	269-567-3500	Upper Peninsula District Office .....	906-346-8300
Lansing District Office .....	517-335-6010		

Various publications and copies of the laws and rules for the programs identified above are available by contacting the division at 517-241-1515 or can be downloaded from our website at [www.michigan.gov/deq](http://www.michigan.gov/deq).



# Office of the Great Lakes

Jennifer M. Granholm, Governor • Steven E. Chester, Director

Michigan Department of Environmental Quality

**OFFICE OF THE GREAT LAKES**  
CONSTITUTION HALL, 6 SOUTH

525 WEST ALLEGAN  
LANSING MI 48913

517-335-4056  
FAX: 517-335-4053

**MAILING ADDRESS:**

PO BOX 30473  
LANSING MI 48909-7973

*The Office of the Great Lakes (OGL) was established in 1985 in recognition of the special relationship Michigan has to the Great Lakes. The OGL is the one place in state government that thinks about the Great Lakes first. These lakes are vitally important to the people of Michigan and need strong protection and wise management. The ecology and economy of Michigan depend on the Great Lakes, and the activities of the OGL reflect the state's commitment to protecting, improving, and preserving this resource. The Great Lakes Protection Act established the OGL as the lead agency within state government to develop policies and programs to protect, enhance, and manage the Great Lakes.*

## **Great Lakes Programs**

Michigan has many Great Lakes programs in place in various state agencies. The mandate of the OGL is to coordinate the total state program and to be a catalyst for new ideas and approaches. The OGL acknowledges Michigan's unique position in the Great Lakes Basin and advocates the interests of the lakes in our state and the region and in national and binational forums. The director of the OGL represents the State of Michigan on matters before the International Joint Commission and is the Governor's liaison to the U.S. and Canadian governments on matters regarding the Great Lakes. The director has been appointed one of Michigan's delegates to the Great Lakes Commission. He is a member of the board of the regional Great Lakes Protection Fund. In addition, he chairs Michigan's Aquatic Nuisance Species Council.

The Office Director of the OGL advises the Department of Environmental Quality Director and all other state department directors on Great Lakes issues. These issues include diversions of water under the Great Lakes Charter; reduction efforts for persistent, bioaccumulative toxic substances under the Great Lakes Water Quality Agreement between the United States and Canada; the introduction of aquatic nuisance species (exotics) into the Great Lakes ecosystem; ports and water transportation; and tourism. The OGL serves as a source of information providing technical and policy support on Great Lakes issues and programs for the Governor's office, the Legislature, other state departments, the media, and the general public.

### **Specific Activities:**

- *coordinating diversion and consumptive use reviews under the Great Lakes Charter;*
- *implementing grants under the Michigan Great Lakes Protection Fund. The OGL has awarded over \$10 million in grants under this program to promote Great Lakes research;*
- *coordinating Michigan's Aquatic Nuisance Species Council;*
- *implementing the comprehensive aquatic nuisance species control plan, as developed pursuant to the Nonindigenous Aquatic Nuisance Species Prevention and Control Act of 1990, Public Law 101-646;*

**DEQ Internet Home Page:**  
[www.michigan.gov/deqogl](http://www.michigan.gov/deqogl)

**Environmental Assistance Center:**

800-662-9278

**Pollution Emergencies:**

800-292-4706

OCTOBER 2004

- *preparing an annual State of the Great Lakes report and monthly activity reports focusing on efforts underway to restore, protect, and preserve the Great Lakes ecosystem;*
- *coordinating ballast water reporting pursuant to Section 3103 of the NREPA, 1994 PA 451 (PA 114 of 2001).*

## Michigan Great Lakes Protection Fund

Established in law by Act 156 of the Public Acts of 1989, the Michigan Great Lakes Protection Fund (MGLPF) derives its funds from one-third of the earnings on a \$25 million contribution to the regional Great Lakes Protection Fund, an endowment established by the governors of the Great Lakes region. A Technical Advisory Board comprised of eight members representing academia, Great Lakes research, industry, public health, and the environment provides oversight and direction to implementation of the MGLPF's mission.

## Michigan's Aquatic Nuisance Species Council

Established by Executive Order in 2002, the Council is administered by the OGL and consists of representatives of the Michigan Departments of Environmental Quality, Natural Resources, Agriculture, and Transportation, as well as four members representing stakeholder groups. The Council is charged with coordinating implementation of Michigan's management plan to prevent and control aquatic nuisance species in the state.

## Publications

Call the OGL at 517-335-4056 or visit the OGL website at [www.michigan.gov/deq](http://www.michigan.gov/deq) to obtain the following publications or to be put on the mailing list:

### •Great Lakes Trends: Into the New Millennium

This informational report identifies important chemical, physical, and biological trends in the Great Lakes ecosystem.

### •State of the Great Lakes Annual Report

This report is prepared annually and covers topics of concern regarding the Great Lakes and general environmental issues.

### •Office of the Great Lakes Activity Report

This report is prepared monthly and covers current activities underway in the Great Lakes and issues of immediate concern. The monthly report is available electronically and is posted on the OGL website.

### •Michigan's Aquatic Nuisance Species State Management Plan Update

This plan addresses control of harmful, invasive species such as the sea lamprey, zebra mussel, Eurasian Ruffe, and others.

### •Lake Huron Initiative

The Lake Huron Initiative Action Plan and extensive informational and educational materials prepared by or for the OGL are available regarding the Lake Huron Watershed.

### •Aquatic Nuisance Species Handbook for Government Officials

Information for local governments on management of aquatic nuisance species in their watersheds. The handbook is available electronically only and can be found on OGL's web site.

### •Your Lake and You

Simple steps you can take in your home, yard, and community to protect your lake.



# Remediation and Redevelopment Division

Jennifer M. Granholm, Governor • Steven E. Chester, Director

Michigan Department of Environmental Quality

**REMEDICATION AND  
REDEVELOPMENT DIVISION**  
CONSTITUTION HALL, 3 & 4 SOUTH  
525 WEST ALLEGAN  
LANSING MI 48913

**MAILING ADDRESS:**  
PO BOX 30426  
LANSING MI 48909-7926

**EXECUTIVE**  
517-373-9837

**ADMINISTRATION**  
517-373-1947

**COMPLIANCE & ENFORCEMENT**  
517-373-7818

**PROGRAM SUPPORT**  
517-335-4914

**SUPERFUND**  
517-373-8815

**FIELD OPERATIONS**  
517-335-4958

**DISTRICT & FIELD OFFICES**  
BARAGA FIELD OFFICE  
906-353-6651

CADILLAC DISTRICT OFFICE  
231-775-3960

CRYSTAL FALLS FIELD OFFICE  
906-346-8300

DETROIT FIELD OFFICE  
313-456-4700

GAYLORD FIELD OFFICE  
989-731-4920

GRAND RAPIDS DISTRICT OFFICE  
616-246-1720  
(or 616-356-0500 for Leaking  
Underground Storage Tank staff/info)

JACKSON DISTRICT OFFICE  
517-780-7690

KALAMAZOO DISTRICT OFFICE  
269-567-3500

LANSING DISTRICT OFFICE  
517-335-6010

NEWBERRY FIELD OFFICE  
906-293-5131

SAGINAW-BAY DISTRICT OFFICE  
989-686-8025

SE MICHIGAN DISTRICT OFFICE  
734-953-8905

UPPER PENINSULA DISTRICT OFFICE  
906-346-8300

**DEQ Internet Home Page:**  
[www.michigan.gov/deq](http://www.michigan.gov/deq)

**Environmental Assistance  
Center:**  
800-662-9278

**Pollution Emergencies:**  
800-292-4706

**MARCH 2003**

*The Remediation and Redevelopment Division (RRD) administers programs that drive the cleanup and redevelopment of environmental sites of contamination in Michigan, facilitating a healthier, cleaner, and more productive environment for its citizens.*

## Overview of Environmental Protection Legislation

The RRD administers Part 201, Environmental Remediation; Part 213, Leaking Underground Storage Tanks; and portions of Part 215, Michigan Underground Storage Tank Financial Assurance, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). In addition, the RRD manages portions of the federal Superfund program, established under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Together, these four statutes and the related administrative rules guide the RRD's efforts in the remediation and redevelopment of brownfield sites throughout Michigan. The RRD oversees regulated party cleanups, addresses public health and environmental threats at sites of environmental contamination, and facilitates brownfield redevelopment. The RRD also administers the Qualified Underground Storage Tank Consultant and Certified Professional (QC/CP) Program under Part 215 and the QC/CP rules. Corrective action cleanups required at Part 213 sites must be carried out by a state-certified QC/CP. Further, the RRD coordinates DEQ implementation of the Brownfield Redevelopment Financing Act, 1996 PA 381, as amended. Act 381 provides a method to finance environmental response activities at brownfield sites through tax increment financing.

## Information, Education and Outreach

**Internet Access:** Most RRD information, guidance, and publications can be accessed from the DEQ Internet Home Page ([www.michigan.gov/deq](http://www.michigan.gov/deq)) by selecting "Land" from the left navigational bar then choosing either of the following two main categories or various sub-categories: (1) Land Cleanup: Baseline Environmental Assessments (BEA) and Due Care, Leaking Underground Storage Tanks, Site Investigation and Cleanup, Superfund Program, Enforcement and Response, Remedial Action Plans, Laws and Rules, Operational Memoranda and Guidance, Cleanup Criteria & Statistics, and the QC/CP Program; (2) Land Redevelopment: Brownfield Redevelopment, Community/Site Redevelopment, Underground Storage Tank (USTfield) Redevelopment, Brownfield Redevelopment Authorities, and Grants.

Additionally, the RRD maintains databases or "lists" of Michigan brownfield sites identified under Parts 201 and 213 and Superfund. To view these lists from the DEQ Internet Home Page, select "Land," then scroll down the center of the page to "Featured Online Services" and select from any of the following lists: Michigan Leaking Underground Storage Tank Sites, Michigan Part 201 Site Search, and the Michigan Superfund Project Assignment Directory.

**Public Meetings:** Public meetings and comment periods involving the RRD cleanup proposals or actions at brownfield sites are posted in the bi-weekly *DEQ Calendar*, periodic trainings and workshops hosted by the RRD are also included. To access the Calendar electronically, go to the DEQ Internet Home Page, select "Information and News," then "Calendar," or call 517-335-3153 to be placed on the Calendar mailing list.

**Pollution Emergency Alerting System (PEAS) Hotline:** When immediate response to an environmental problem is needed, the RRD provides citizens a toll free, 24-hour, 7 day/week telephone hotline: 800-292-4706. Call this number to report environmental emergencies such as leaking drums/tanks, truck/tanker/rail car spills, chemical fires, and other related incidents.

## Programs

**Part 201 and Part 213:** Michigan's environmental cleanup and redevelopment program has been recognized as one of the best in the nation, as measured by its innovative liability system, land-use based cleanup standards, financial incentives, and government support. Michigan's environmental cleanup laws – Part 201 and Part 213 – drive the protection of public health, safety, welfare, and the environment through: (1) Regulated party cleanups – overseeing and providing information to support cleanup of contaminated sites by parties responsible for causing contamination, initiating enforcement action when voluntary compliance cannot be achieved, and recovering state cleanup funds from liable parties. (2) State-funded actions – providing funding and oversight of state contractor actions to address sites that pose a risk to the public health or environment. Activities include providing alternative drinking water supplies, conducting groundwater/soil investigations and remediation, and removal of underground storage tanks and other hazardous substance containers. (3) Preparing sites for redevelopment – providing actions to remediate contaminated sites to a level that allows the property to be redeveloped. Activities include overseeing contractors who conduct various demolition and cleanup activities, reviewing BEAs and Due Care work plans, and developing legal agreements that foster redevelopment and protect new owners and operators from liability for past releases they did not cause.

The RRD has staff and equipment for conducting hydrogeological and geophysical investigations, soil and groundwater sampling, groundwater modeling, and monitor well installation. These investigations assist in identifying parties who are liable for contamination and in assessing risks posed by groundwater contamination plumes or other suspected sources. In addition, specialized staff develop soil and groundwater cleanup criteria and evaluate risk assessments.

**Part 215 (QC/CP Program):** The RRD administers the Qualified Underground Storage Tank Consultant and Certified Professional Program under Part 215 of the NREPA and the QC/CP Rules. Corrective cleanup actions required at Part 213 (leaking underground storage tank) sites must be carried out by a state-certified QC/CP. The Qualified Underground Storage Tank Consultants (QC) List is available from the DEQ Internet Home Page. Select "Land" then scroll down to "Featured Online Services" and select "Michigan Qualified Underground Storage Tank Consultants (QC) List."

**Superfund Program:** Some of the state's and nation's most serious and costly contaminated sites are placed on the U.S. Environmental Protection Agency's (U.S. EPA) National Priority List. Lansing-based RRD staff manage portions of the federal Superfund Program, including: assuring actions at Superfund sites comply with state environmental regulations, carrying out brownfield site assessment activities that help local units of government assess redevelopment concerns at properties in their communities, performing specialized site sampling, and coordinating with the U.S. EPA Region 5 office in Chicago. Superfund staff also manage the toll-free PEAS Hotline – 800-292-4706.

## Financial Assistance

**Act 381 and Brownfield Redevelopment:** The RRD coordinates DEQ implementation of the Brownfield Redevelopment Financing Act, 1996 PA 381, as amended (Act 381). Act 381 provides a method to finance environmental response activities at brownfield sites through tax increment financing. The RRD provides general assistance to local units of government with creation of brownfield redevelopment authorities, identification of brownfield sites, and development of brownfield plans and work plans. The RRD reviews work plans where state and local school taxes will be captured to cover the costs associated with conducting environmental response activities.

## Field Operations

**RRD District/Field Offices:** Field staff located at DEQ offices statewide are involved in all the RRD programs. They are the first line of contact with citizens, the business community, industry, and local units of government for prompt customer service about the Part 201 and Part 213 RRD programs. Questions about Act 381 can also be directed to the RRD field staff. The RRD field office locations and phone numbers are listed on the previous page.

## Publications

The RRD publications and forms are available from the DEQ Internet Home Page, by contacting any of the RRD offices listed on the previous page, or by contacting the DEQ Environmental Assistance Center at 800-662-9278.



# Waste and Hazardous Materials Division

Jennifer M. Granholm, Governor • Steven E. Chester, Director

Michigan Department of Environmental Quality

## WASTE AND HAZARDOUS MATERIALS DIVISION

CONSTITUTION HALL,  
ATRIUM-NORTH TOWER  
525 WEST ALLEGAN  
LANSING MI 48913

### MAILING ADDRESS:

PO BOX 30241  
LANSING MI 48909-7741

### Hazardous Waste Section

517-373-9875

Manifest Unit  
517-373-1217

### Radiological Protection and Medical Waste Section

Environmental Monitoring Unit  
517-335-8193

Indoor Radon Program  
800-723-6642

Nuclear Facilities Unit  
517-241-1275

Radioactive Material & Medical  
Waste Unit  
517-241-1274

### Storage Tank & Solid Waste Section

517-335-4035

Solid Waste Management Unit  
517-373-4750

Storage Tank Unit  
517-335-7211

### Low-Level Radioactive Waste Authority

517-241-1252

### Enforcement Section

517-373-7848

*The Waste and Hazardous Materials Division (WHMD) administers a diverse number of prevention programs to protect the environment and the public's health through proper management of hazardous products; solid, liquid, and hazardous waste; medical waste; radioactive materials; and radioactive waste. The division is organized into six sections: Hazardous Waste, Radiological Protection and Medical Waste, Storage Tank and Solid Waste, Enforcement, Field Operations, and Administrative Services and includes the Low-Level Radioactive Waste Authority.*

## Hazardous Waste Section

The hazardous waste program staff review construction permits and operating license applications and make recommendations for the approval or denial of permits and operating licenses for treatment, storage, and disposal facilities accepting hazardous waste. Public participation in the form of public meetings and submittal of written documentation is part of this review and recommendation process. Staff conduct sampling along with operation and maintenance inspections to insure a facility is in compliance with its permit specifications. Plans for permanent closure and cleanup of regulated hazardous waste treatment, storage, and disposal facilities are reviewed and approved by staff. In addition, staff review and develop waste determinations, delisting petitions, and provide the public and regulated community with interpretations concerning waste recycling, reuse, and proper management requirements. This program also processes manifests for the tracking of hazardous waste from generation to disposal and permits and registers all hazardous and liquid industrial waste transporters, and administers hazardous waste user charges. This program is responsible for administration of Part 111, Hazardous Waste Management, of 1994 PA 451, as amended; the federal Resource Conservation Recovery Act (RCRA); Part 121, Liquid Industrial Wastes, of Act 451; Part 167, Used Oil Recycling, of Act 451; and Part 171, Batteries, of Act 451.

## Radiological Protection and Medical Waste Section

Radiological protection programs monitor the use of radioactive materials in medical, educational, industrial, and governmental facilities to assure protection of patients, employees, and the public from unnecessary exposure to ionizing radiation. Medical waste programs provide regulations for the handling, storage, treatment, and disposal of medical waste. These duties are carried out by three separate units:

The Radioactive Material and Medical Waste Unit is responsible for the registration and inspection of over 500 users of radioactive materials subject to state control under the authority of the Public Health Code, Part 135 of 1978 PA 368, as amended. In addition, approximately 13,000 generators of medical waste are registered as producing facilities of medical waste under the authority of the Michigan Medical Waste Regulatory Act (MWRA), Part 138 of 1978 PA 368, as amended.

The Environmental Monitoring Unit is responsible for the environmental monitoring network around each of Michigan's nuclear power plant sites. The program collects and performs radio analyses of several types of samples, including direct radiation, air, surface water, precipitation, and milk from the environs of the nuclear plants. This unit also includes the Indoor Radon Program, an education and outreach program with the purpose of increasing awareness of the health risk associated with exposure to elevated indoor radon levels, encouraging radon testing, and encouraging citizens to take action to reduce their exposure once elevated levels are found. Staff operate a toll-free radon hotline and work with local health departments to make test kits and information materials accessible throughout the state.

The Nuclear Facilities Unit is responsible for the development and implementation of Michigan's Nuclear Facilities Emergency Response Procedures and the nuclear accident aspects of the Michigan Emergency Management Plan as it relates to the Michigan Department of Environmental

DEQ Internet Home Page:  
[www.michigan.gov/deqwaste](http://www.michigan.gov/deqwaste)

Environmental Assistance  
Center:

800-662-9278

Pollution Emergencies:

800-292-4706

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Quality's radiological responsibilities to respond to accidents or emergencies at any of Michigan's commercial nuclear power plants. These efforts are conducted in cooperation with other state agencies and under the overall emergency response coordination responsibilities of the Michigan Department of State Police.

## Storage Tank and Solid Waste Section

The storage tank program oversees the design, construction, installation, and operations of certain underground storage tanks (USTs) to prevent releases of regulated substances (petroleum and hazardous substances), and aboveground storage tanks (ASTs) storing flammable and combustible liquids, liquefied petroleum gas, and compressed natural gas for the purposes of fire safety and preventing releases of regulated materials. Staff also review innovative technology proposals; review tank testing methodologies, new products and technical standards, and tank lining methods for underground storage tanks; and review tank installation plans and perform tank inspections. The program collects and maintains registration forms, tank closure notices, and fees for tanks. This program is responsible for administration of Part 211, Underground Storage Tank, 1994 PA 451, and the Michigan Fire Prevention Code, 1941 PA 207, as amended.

The solid waste program oversees the construction permit and operating licenses for municipal and industrial non-hazardous solid waste disposal facilities, including landfills, transfer stations, and processing plants. Staff assist counties with solid waste planning. In addition, this program has oversight of the storage, transportation, and recycling of scrap tires which includes working with local governments to encourage them to submit applications for funding for the cleanup, removal, and proper disposal or recycling of abandoned scrap tires. This section also provided the Solid Waste Alternative Program grants that promoted the elimination, reduction, or recycling of waste materials. Staff continue to oversee grant activities and provide technical expertise. This program is responsible for administration of Part 115, Solid Waste Management, of Act 451; Part 169, Scrap Tires, of Act 451; and Part 195, Environmental Protection Bond Implementation, of Act 451.

## Field Operations

Field staff located in ten offices throughout the state are involved in compliance and enforcement activities for hazardous waste, solid waste, scrap tire, underground storage tank, and aboveground storage tank programs. They have primary responsibilities for assessing compliance at regulated facilities, conducting inspections at those facilities, taking steps to resolve noncompliance, and referring escalated enforcement cases to the Enforcement Program. Field staff can be contacted at the following telephone numbers:

Cadillac District Office .....	231-775-3960 ext. 6702	Kalamazoo District Office .....	269-567-3590
Detroit Field Office .....	313-456-4664	Lansing District Office .....	517-335-6136
Gaylord Field Office .....	989-731-4920 ext. 3425	Saginaw Bay District Office .....	989-686-8025 ext. 8906
Grand Rapids District Office .....	616-356-0290	Southeast Michigan District Office	734-953-1448
Jackson District Office .....	517-780-7924	Upper Peninsula District Office .....	906-346-8540

## Enforcement Section

This section coordinates division efforts to ensure compliance with permit requirements and state or federal laws when the violations are not corrected with field operation efforts. Enforcement is done either administratively or through the court systems in conjunction with the Michigan Department of Attorney General.

## Low-Level Radioactive Waste Authority

The Low-Level Radioactive Waste Authority (LLRWA) was created to fulfill state responsibilities under federal law for managing and assuring disposal capacity for the low-level radioactive waste produced in Michigan. Current program goals for the LLRWA include: monitoring waste management activities by Michigan waste generators and developing an annual report to the Legislature; advising the Governor and Legislature on federal and state policies and programs concerning nuclear waste management, transportation, and disposal issues; and serving as a resource for information on federal and state LLRW management and programs.



# Water Bureau

Jennifer M. Granholm, Governor • Steven E. Chester, Director

Michigan Department of Environmental Quality

## **WATER BUREAU**

CONSTITUTION HALL, 2 SOUTH  
525 WEST ALLEGAN  
LANSING MI 48913

### **MAILING ADDRESS:**

PO BOX 30273  
LANSING MI 48909-7773

## **FIELD OPERATIONS DIVISION**

District Matters, Compliance  
Programs, Biosolids, Industrial  
Pretreatment, Enforcement  
517-241-1313

## **LANSING OPERATIONS DIVISION**

### **DRINKING WATER AND ENVIRONMENTAL HEALTH SECTION**

Community and Noncommunity  
Drinking Water, Contamination  
Investigation, Well Construction,  
Wellhead Protection, On-site  
Sewage, Manufactured Housing,  
Public Swimming Pools,  
Campgrounds  
517-241-1355

### **PERMITS SECTION**

NPDES Permit Program,  
Groundwater Discharge Permit  
Program  
517-241-1346

### **SURFACE WATER ASSESSMENT SECTION**

Water Quality Standards,  
Environmental Assessment,  
Monitoring, Inland Lakes and  
Remedial Action, Nonpoint Source  
517-335-1180

*The Water Bureau administers a number of programs that range from preventive to remedial and from voluntary to regulatory for the protection of drinking, ground, and surface waters of the state for present and future generations.*

## **Biosolids Program**

The treatment of municipal wastewater generates a residue called biosolids. Biosolids may be incinerated or taken to a landfill. However, biosolids contain nutrients and have a beneficial use as fertilizer. The Biosolids Program regulates the land application of biosolids to assure that pollutants in the biosolids do not create a threat to public health or the environment.

## **Drinking Water Protection Program**

The *Drinking Water Protection Program* regulates public water supplies in the state to meet state and federal drinking water standards. These public systems consist of community (residential) and noncommunity (nonresidential, i.e., schools and restaurants) water supplies. This program regulates construction, operation, and maintenance of public water supplies. Through the *Well Construction Program*, the program also licenses well drillers and pump installers for the construction of wells at homes or cottages, schools, small businesses, and offices. The *Wellhead Protection Program* provides guidance for community water supplies to help prevent groundwater contamination; and where groundwater contamination is found at levels posing a public health concern, the *Groundwater Contamination Investigation Program* responds by securing alternate sources of drinking water.

## **Enforcement Program**

When bureau staff determine that a facility is not complying with a permit, law, or regulation, steps are taken to bring about compliance. These enforcement actions are designed to return the facility to compliance as soon as possible. Enforcement actions range from informal discussions to filing suit or making criminal charges.

## **Environmental Assessment Program**

The bureau monitors water quality through activities that include fish contaminant monitoring, biological surveys of streams, water quality modeling studies, long-term trend monitoring, and whole effluent toxicity tests. The bureau periodically reports on the status of water quality in Michigan.

## **Environmental Health Programs**

Working closely with local health departments, the bureau strives to protect the public health and environment through administration of regulatory programs dealing with manufactured housing communities, campgrounds, and public swimming pools. The bureau also administers programs to assure that suitable site conditions are present for proposed residential or commercial developments dependent on individual on-site sewage systems and wells and regulates the proper collection and disposal of wastes by septic tank pumps.

## **Engineering Plan Review Program**

Communities planning to construct new or expand existing wastewater and water treatment facilities first must obtain a construction permit from the bureau. Plans to construct new or to modify existing facilities are reviewed and approved by staff engineers and sanitarians. In addition, preliminary subdivision plats or condominium proposals are evaluated for suitability of on-site drinking water supply and sewage disposal.

DEQ Internet Home Page:  
[www.michigan.gov/deqwater](http://www.michigan.gov/deqwater)

**Environmental Assistance  
Center:**

800-662-9278

**Pollution Emergencies:**

800-292-4706

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## ***Industrial Pretreatment Program***

The bureau regulates industrial wastewater discharges to municipal wastewater treatment plants. Uncontrolled industrial wastes can disrupt the treatment process, pass through the plant to the receiving water, contaminate the biosolids, or create hazardous working conditions at the treatment plants.

## ***Permit and Permit Compliance Programs***

The bureau administers permit programs for discharges to waters of the state. Discharges to state surface waters from municipal, industrial, and commercial facilities must be authorized by permit under the National Pollutant Discharge Elimination System (NPDES). The NPDES is a federal permit system that regulates discharges to surface waters; it has been delegated to Michigan. The NPDES permit program includes the *Storm Water Program*, which regulates surface water discharges from large urban areas, some industries, and construction sites. The *Groundwater Discharge Permit Program* authorizes discharges to groundwater with state permits, self-certifications, and exemptions. Permits contain limits on the amount of various pollutants that can be discharged and establish other conditions. The permits are valid for no more than five years, after which they must be renewed.

## ***Nonpoint Source Control Program***

The Nonpoint Source Control Program addresses pollution from diffuse or "nonpoint" sources such as runoff from agricultural and urban areas during storm events. This is a nonregulatory program that provides technical assistance to local units of government and other entities.

## ***Soil Erosion and Sedimentation Control Program***

Local units of government administer soil erosion control programs with oversight by the Soil Erosion and Sedimentation Control Program of the bureau. Bureau staff conduct training workshops for other state and local enforcing agencies. Program staff also perform audits of these agencies and make recommendations on how to improve their soil erosion control programs.

## ***Water Quality Standards Program***

Water quality standards are developed for the protection of human health, aquatic life, and wildlife, and for recreational, industrial, agricultural, and navigational uses of Michigan's surface waters. These values serve as goals for water quality and are used to develop water quality-based effluent limits for NPDES permits.

## ***Other Water Bureau Programs***

Fourteen Great Lake areas in Michigan have been identified as Areas of Concern under the Great Lakes Water Quality Agreement between the United States and Canada. In the *Great Lakes Program*, the bureau participates in the development of Remedial Action Plans for these areas. The bureau also participates in a U.S. Environmental Protection Agency effort to develop protection plans for the Great Lakes called Lakewide Management Plans.

The *Homeland Security Program* addresses terrorism/security issues and related funding for water and wastewater facilities. It also coordinates review of facility spill plans and coordinates the bureau's policy and procedures related to emergency response.

The *Inland Lakes Management Program* provides technical assistance on how to protect and manage inland lakes and their watersheds. Information is available on the general condition of hundreds of lakes across the state. This program also regulates the use of substances for the treatment of swimmer's itch, nuisance aquatic plants, and algae.

Septage is a domestic waste pumped from septic tanks, portable toilets, etc. The *Septage Program* regulates the septage hauling industry and septage disposal practices. Septage may be taken to a municipal wastewater treatment facility or may be applied to agricultural land.

The *Water Quality Trading Program* is a market-based approach to water quality protection. A source of a specific pollutant may control its discharge of that pollutant to a greater degree than required, creating a credit for that pollutant. Another nearby discharger of that pollutant may purchase that credit to receive some relief from its required limit for that pollutant.



# Guide to DEQ Divisions & Offices

Protecting Michigan's Environment, Ensuring Michigan's Future

Jennifer M. Granholm, Governor • Steven E. Chester, Director

Michigan Department of Environmental Quality

## MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

CONSTITUTION HALL  
525 WEST ALLEGAN  
LANSING MI 48913

### AIR QUALITY DIVISION

3<sup>rd</sup> Floor, North Tower  
517-373-7023

### ENVIRONMENTAL SCIENCE AND SERVICES DIVISION

1<sup>st</sup> Floor, North Tower  
517-335-2419

### LAND AND WATER MANAGEMENT DIVISION

1<sup>st</sup> Floor, South Tower  
517-373-1170

### OFFICE OF GEOLOGICAL SURVEY

1<sup>st</sup> Floor, South Tower  
517-241-1515

### OFFICE OF THE GREAT LAKES

6<sup>th</sup> Floor, South Tower  
517-335-4056

### REMEDATION AND REDEVELOPMENT DIVISION

3<sup>rd</sup> & 4<sup>th</sup> Floors, South Tower  
517-373-9837

### WASTE AND HAZARDOUS MATERIALS DIVISION

Atrium Level, North Tower  
517-335-2690

### WATER BUREAU

2<sup>nd</sup> Floor, South Tower  
517-241-1313

### ADMINISTRATIVE OFFICES

6<sup>th</sup> Floor, South Tower

**Executive Division** 517-373-7917

**Office of Administrative Hearings** 517-335-4226  
(Atrium Level, South Tower)

**Office of Civil Enforcement Coordination** 517-241-8010

**Office of Communications and Education**

•Communications 517-241-7397  
•Environmental Educ. 517-373-2379

**Office of Criminal Investigations** 517-335-3434

**Office of Human Resources** 517-335-1100

**DEQ Internet Home Page:**  
[www.michigan.gov/deq](http://www.michigan.gov/deq)  
**Environmental Assistance Center:**  
800-662-9278  
**Pollution Emergencies:**  
800-292-4706  
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## *Air Quality Division*

The Air Quality Division (AQD) works with business and industry air pollution sources and with the general public to help maintain compliance with statutes that minimize adverse impacts on human health and the environment. Staff work to identify and reduce existing outdoor air pollution problems and to prevent significant deterioration of the air quality through air emission control programs, air monitoring, control strategy planning, permit issuance, and inspection of air emission sources. Contact the **Air Quality Division** at 517-373-7023.

## *Environmental Science and Services Division*

The Environmental Science and Services Division (ESSD) oversees a number of outreach and assistance services leading to improvement in environmental quality, with an emphasis on pollution prevention. The ESSD provides non-regulatory services related to all environmental programs administered by the Michigan Department of Environmental Quality (DEQ). The seven main service areas in the ESSD are: education, training, and outreach; environmental information; financial assistance; incentive programs; laboratory services; pollution prevention; and technical assistance. Contact the **Environmental Science and Services Division** at 517-335-2419.

## *Land and Water Management Division*

The Land and Water Management Division (LWMD) administers a variety of programs that help protect sensitive natural resources, including inland lakes and streams, wetlands, floodplains, sand dunes, and the Great Lakes. The LWMD is responsible for promoting the best use of these resources for their social and economic benefits while protecting associated resource values, property rights, the environment, and public health and safety. The LWMD provides technical assistance and regulatory oversight over activities such as dredging or filling wetlands, streams, inland lakes, and the Great Lakes; constructing or dismantling dams; constructing marinas, seawalls, or docks; building in a designated critical sand dune, wetland, or floodplain; and protecting underwater shipwreck resources. Contact the **Land and Water Management Division** at 517-373-1170.

## *Office of Geological Survey*

The Office of Geological Survey (OGS) is responsible for assuring the efficient and orderly development of fossil fuel and mineral resources while protecting the environment, property, and public health and safety. The OGS oversees the locating, drilling, operating, and plugging of wells used for mineral exploration; oil, gas, and brine production; underground storage; and waste disposal. The OGS regulates the drilling and operation of wells for oil, gas, and minerals; regulates the reclamation of mines for rock products, metallic minerals, industrial sand, and coal. The OGS also develops and distributes a variety of maps, publications, and data on fossil fuels, minerals, and groundwater for industry and public use. Contact the **Office of Geological Survey** at 517-241-1515.

## *Office of the Great Lakes*

The Office of the Great Lakes (OGL) was established in 1985 by the Great Lakes Protection Act as the lead agency within state government to develop policies and programs to protect, enhance, and manage the Great Lakes ecosystem. The OGL focuses on toxic and nonpoint source pollution, aquatic invasive species, reviewing diversions of water under the Great Lakes Charter, and habitat protection and restoration. The office manages the Michigan's Great Lakes Protection Fund and implements the state management plan for aquatic invasive species. The Director also represents the state in a number of international and interstate organizations including the International Joint Commission's Water Quality Board and the Great Lakes Commission. Contact the **Office of the Great Lakes** at 517-335-4056.

## ***Remediation and Redevelopment Division***

The Remediation and Redevelopment Division (RRD) administers Part 201, Environmental Remediation; Part 213, Leaking Underground Storage Tanks; and portions of Part 215, Michigan Underground Storage Tank Financial Assurance, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). In addition, the RRD manages portions of the federal Superfund program, established under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Together, these four statutes and the related administrative rules guide the RRD's efforts in the remediation and redevelopment of brownfield sites throughout Michigan. The RRD oversees regulated party cleanups, addresses public health and environmental threats at sites of environmental contamination, and facilitates brownfield redevelopment. The RRD also administers the Qualified Underground Storage Tank Consultant and Certified Professional (QC/CP) Program under Part 215 and the QC/CP rules. Corrective action cleanups required at Part 213 sites must be carried out by a state-certified QC/CP. Further, the RRD coordinates DEQ implementation of the Brownfield Redevelopment Financing Act, 1996 PA 381, as amended. Act 381 provides a method to finance environmental response activities at brownfield sites through tax increment financing. Contact the **Remediation and Redevelopment Division** at **517-373-9837**.

## ***Waste and Hazardous Materials Division***

The Waste and Hazardous Materials Division (WHMD) administers a diverse number of prevention programs to protect the environment and the public's health through proper management of hazardous products; solid, liquid, medical, and hazardous waste; and radioactive materials. The WHMD issues licenses and oversees the operation of hazardous and solid waste disposal areas, regulates the activities of hazardous waste and liquid industrial waste generators and transporters, oversees solid waste planning, regulates the hauling and disposal of scrap tires, and operates a grant program to address abandoned scrap tire piles. Radiological protection programs monitor radioactive materials used in medical, educational, industrial, and governmental facilities. The medical waste program regulates the handling, storage, treatment, and disposal of medical waste. The storage tank program oversees the design, construction, installation, and operations of certain underground storage tanks (USTs) and aboveground storage tanks (ASTs) storing flammable and combustible liquids, liquefied petroleum gas, and compressed natural gas for the purposes of fire safety and preventing releases of regulated materials. Contact the **Waste and Hazardous Materials Division** at **517-335-2690**.

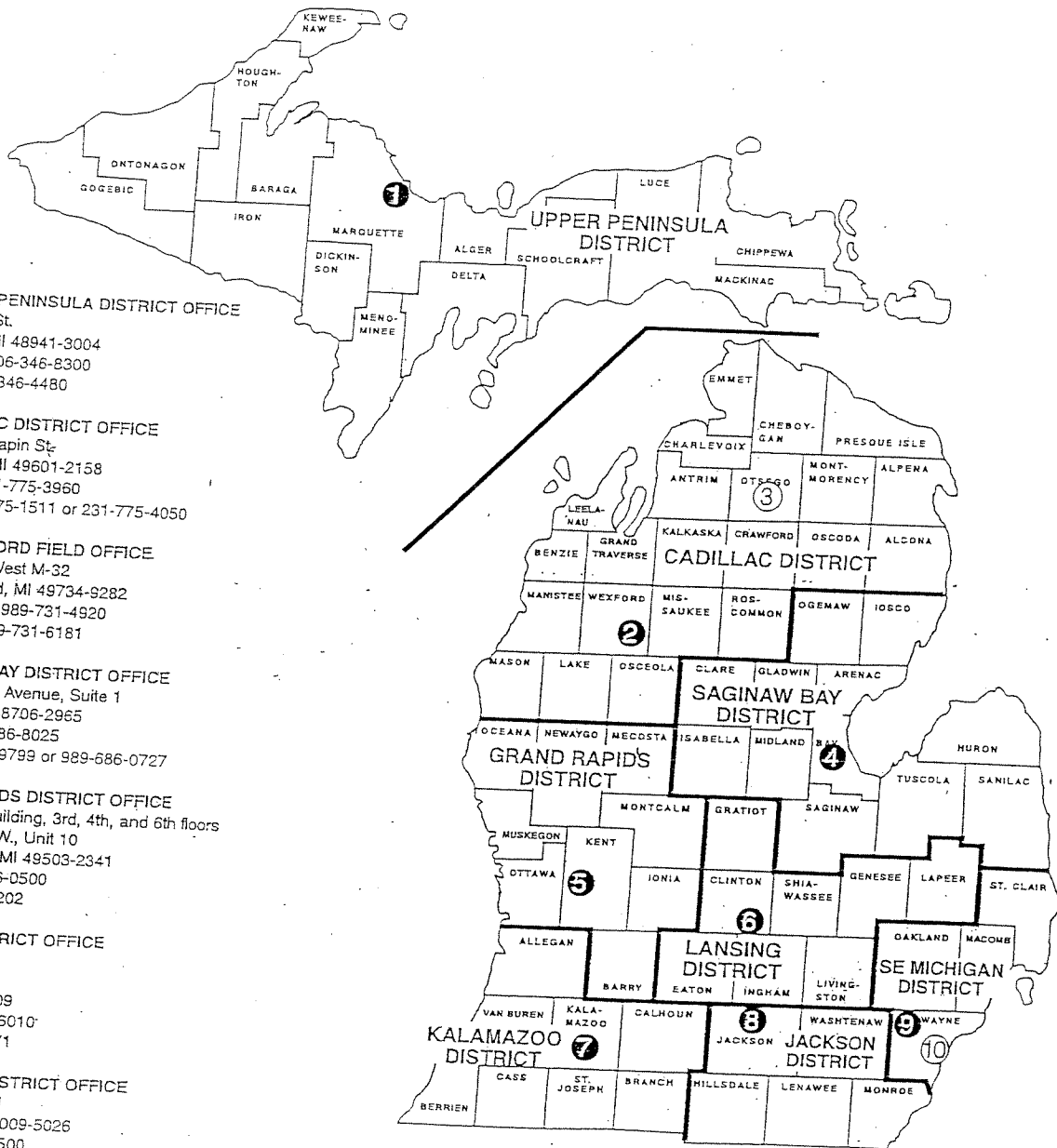
## ***Water Bureau***

The Department of Environmental Quality water programs establish water quality standards; assess water quality; provide regulatory oversight for all public water supplies; issue permits to regulate the discharge of industrial and municipal wastewaters; and monitor state water resources for water quality, the quantity and quality of aquatic habitat, the health of aquatic communities, and compliance with state laws. The bureau is responsible for plan review and approval for public water supplies, wastewater collection and treatment facilities; campground construction; public swimming pool construction; manufactured housing site approval for water, sanitary sewer, drainage, and park layout. Bureau staff assist local health departments with public education, site condominiums, land division and subdivision on-site water supply, sewage disposal issues, and accreditation of local health departments. The bureau also provides oversight to local soil erosion and sedimentation control programs. Well driller/pump installer registration, licenses for transporting septic tank waste, and certificates for registration of water haulers and water hauling containment are provided by the Water Bureau. Contact the **Water Bureau** at **517-241-1313**.



# MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

## DISTRICT AND FIELD OFFICE LOCATIONS



1 UPPER PENINSULA DISTRICT OFFICE  
420 5th St.  
Gwinn, MI 48941-3004  
Phone: 906-346-8300  
Fax: 906-346-4480

2 CADILLAC DISTRICT OFFICE  
120 W. Chapin St.  
Cadillac, MI 49601-2158  
Phone: 231-775-3960  
Fax: 231-775-1511 or 231-775-4050

3 GAYLORD FIELD OFFICE  
2100 West M-32  
Gaylord, MI 49734-9282  
Phone: 989-731-4920  
Fax: 989-731-6181

4 SAGINAW BAY DISTRICT OFFICE  
503 N. Euclid Avenue, Suite 1  
Bay City, MI 48706-2965  
Phone: 989-686-8025  
Fax: 989-684-9799 or 989-686-0727

5 GRAND RAPIDS DISTRICT OFFICE  
State Office Building, 3rd, 4th, and 6th floors  
350 Ottawa N.W., Unit 10  
Grand Rapids, MI 49503-2341  
Phone: 616-356-0500  
Fax: 616-356-0202

6 LANSING DISTRICT OFFICE  
PO Box 30242  
4th Floor North  
Lansing, MI 48909  
Phone: 517-335-6010  
Fax: 517-241-3571

7 KALAMAZOO DISTRICT OFFICE  
7953 Adobe Road  
Kalamazoo, MI 49009-5026  
Phone: 269-567-3500  
Fax: 269-567-9440

8 JACKSON DISTRICT OFFICE  
301 E. Louis Glick Highway  
Jackson, MI 49201-1556  
Phone: 517-780-7690  
Fax: 517-780-7855

9 SOUTHEAST MICHIGAN DISTRICT OFFICE  
38980 Seven Mile Road  
Livonia, MI 48152-1006  
Phone: 734-953-8905  
Fax: 734-953-0243 or 734-953-1544

10 DETROIT FIELD OFFICE  
Cadillac Place  
3058 W. Grand Blvd., Suite 2-300  
Detroit, MI 48202-6058  
Phone: 313-456-4700  
Fax: 313-456-4692 or 313-456-4662

9 denotes district office  
10 denotes field office

2

